

WQNX ABERDEEN, NC BL-19811208AG 1350 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 0.028 kW
Graph Maximum: 200 mV/m



Facility ID: 24558
Application ID: 37061
CDBS Antenna System ID: 19666

Theoretical pattern RMS: 47.31

Azimuth	E _{theo}	E _{std}	E _{aug}
0	97.27	102.16	
5	98.01	102.94	
10	96.90	101.78	
15	94.01	98.74	
20	89.50	94.01	
25	83.63	87.84	
30	76.70	80.57	
35	69.06	72.56	
40	61.06	64.16	
45	53.01	55.72	
50	45.22	47.55	
55	37.91	39.89	
60	31.28	32.94	
65	25.47	26.86	
70	20.64	21.82	
75	16.98	18.00	
80	14.79	15.73	
85	14.32	15.25	
90	15.54	16.51	
95	18.04	19.11	
100	21.40	22.60	
105	25.29	26.67	
110	29.51	31.09	
115	33.89	35.67	
120	38.26	40.25	
125	42.44	44.63	
130	46.25	48.62	
135	49.49	52.02	
140	51.96	54.62	
145	53.49	56.22	
150	53.92	56.67	
155	53.13	55.84	
160	51.07	53.69	
165	47.77	50.22	
170	43.32	45.56	
175	37.90	39.87	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	31.76	33.44	
185	25.22	26.60	
190	18.73	19.82	
195	12.87	13.74	
200	8.80	9.57	
205	8.26	9.02	
210	10.54	11.34	
215	13.31	14.20	
220	15.55	16.52	
225	16.98	18.00	
230	17.56	18.61	
235	17.41	18.45	
240	16.70	17.71	
245	15.65	16.62	
250	14.51	15.43	
255	13.52	14.41	
260	12.89	13.76	
265	12.71	13.58	
270	12.96	13.84	
275	13.55	14.44	
280	14.40	15.32	
285	15.55	16.51	
290	17.13	18.16	
295	19.40	20.52	
300	22.59	23.85	
305	26.86	28.31	
310	32.25	33.95	
315	38.68	40.69	
320	45.96	48.33	
325	53.85	56.60	
330	62.03	65.18	
335	70.15	73.70	
340	77.84	81.77	
345	84.72	88.99	
350	90.44	94.99	
355	94.70	99.46	

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